

# ***Call for Papers***

***35<sup>th</sup> Annual  
Precise Time and  
Time Interval (PTTI)  
Systems and  
Applications Meeting***

***December 2 — 4, 2003***

***Hilton San Diego Resort  
San Diego, California***

## **PTTI OBJECTIVES**

The objectives of the PTTI Systems and Applications Meeting are to:

- Disseminate and coordinate PTTI information at the user level;
- Review present and future PTTI requirements;
- Inform Government and Industry engineers, technicians, and managers of precise time and frequency technology and its problems; and
- Provide an opportunity for an active exchange of new technology associated with PTTI.

## **PTTI 2003 SESSION TOPICS INCLUDE:**

- Satellite Time Transfer
- Galileo, GPS, GLONASS
- Algorithms and Methods
- Advanced Clocks
- Time and Frequency Standards Laboratories: Activities and Updates
- Military Users and Systems
- Time Synchronization
- PTTI Vendor Presentations

## **PTTI TUTORIALS**

PTTI tutorials will be offered prior to **PTTI 2003** on Monday, December 1, 2003. Introductory and advanced tutorials will focus on such topics as atomic frequency standards, timescales, time transfer using GNSS, statistical methods for timing, and more!

## **PTTI 2003 MEETING CHAIRS**

### **PTTI General Chairman**

#### **Mr. Jay Oaks**

U.S. Naval Research Laboratory  
4555 Overlook Avenue, SW  
Code 8153  
Washington, DC 20375-5000  
202-767-1434, Fax: 202-767-2845  
oaks@nrl.navy.mil

### **PTTI Technical Program Chairman**

#### **Dr. Lara S. Schmidt**

U.S. Naval Observatory  
3450 Massachusetts Avenue, NW  
Washington, DC 20392-5420  
Fax: 202-762-1511  
ptti@tycho.usno.navy.mil

### **PTTI Executive Board Chairman**

#### **Dr. Joseph D. White**

U.S. Naval Research Laboratory  
4555 Overlook Avenue, SW  
Code 8150.1  
Washington, DC 20375  
202-767-5111, Fax: 202-767-2845  
joe.white@nrl.navy.mil

## **PTTI 2003 SPONSORED BY**

**U.S. Naval Observatory**

**U.S. Naval Research Laboratory**

**NASA Jet Propulsion Laboratory**

**U.S. Air Force Office of Scientific Research**

**U.S. Coast Guard Navigation Center**

**Defense Information Systems Agency**

**U.S. Army Research Office**

## **PTTI ON THE WEB**

Access the PTTI Home Page at:

**<http://tycho.usno.navy.mil/ptti.html>**

On-line registration will be available.

## ABSTRACT SUBMISSION

**PTTI 2003** focuses on commercial timing dissemination, GPS timing performance, user applications, precision time and frequency transfer techniques, and the future of the timekeeping equipment industry.

Submit a one-page abstract (350 words or less) of your paper describing the objectives, results, conclusions, and significance of your work. Please list all contributing authors and affiliations and provide contact information for the primary author including mailing address, phone and fax numbers and e-mail address.

Abstracts should be submitted by e-mail (preferred), fax, or mail no later than **August 1, 2003** to the **Technical Program Chairman, Dr. Lara S. Schmidt** (ptti@tycho.usno.navy.mil). Authors will be notified of acceptance by mid September 2003.

The Author's Kit, with publication guidelines, will be available on the PTTI Web site by October 1, 2003. After that date, contact the Editorial Chairman to receive it by mail.

## PRESENTED PAPERS AND PROCEEDINGS

Final papers must be submitted no later than **December 4, 2003** to:

**PTTI Editorial Chairman**

**Dr. Lee Breakiron**

U.S. Naval Observatory

Time Service Department

3450 Massachusetts Avenue, NW

Washington, DC 20392-5420

202-762-1092, Fax: 202-762-1511

lab@kepler.usno.navy.mil

The **PTTI 2003** published Proceedings will be mailed to attendees in mid 2004.

## HOTEL INFORMATION

**PTTI 2003** will take place at the **Hilton San Diego Resort**, located in San Diego, California. The four-diamond Hilton San Diego Resort is located on 18 lushly landscaped acres on San Diego's scenic Mission Bay. The hotel is situated in Mission Bay Park - an aquatic preserve and natural paradise - and is convenient to Interstate 5 and only 10 minutes from San Diego Airport. For reservations, call 619-276-4010, Fax: 619- 275-8944.

## EXHIBIT INFORMATION

Anyone wishing to exhibit, please contact:

**PTTI Exhibits Co-Chairman**

**Mr. Don Mitchell**

Geil Marketing Associates, Inc.

PO Box 1470

Payson, AZ 85547

928-474-1088 Fax: 928-474-1089

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**PTTI Exhibits Co-Chairman**

**Gary Geil**

GMA Geil Marketing

1064 Calle Negocio, Suite D

San Clemente, CA 92673

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gary@gmainc.cc

## REGISTRATION INFORMATION

**Full registration** includes all technical sessions, a copy of the Proceedings and the Tuesday evening reception.

**Full registration postmarked**

**on or before November 7** ..... \$300

**after November 7** ..... \$350

**\* Retiree Registration** ..... \$ 50

**\* Full-Time Student Registration** ..... \$ 50

*\*does not include Proceedings or reception*

**Tutorials Registration** ..... \$250

## TRANSPORTATION INFORMATION

**Rental Car:** Avis is the official rental car agency for **PTTI 2003**. The Avis Worldwide Discount (AWD) number for the meeting is J628452. Please call 800-331-1600 to make reservations. These rates are good in Los Angeles, Orange County, San Diego, Ontario and Long Beach from November 24 - December 12, 2003.

**Airline:** United Airlines is the official airline for **PTTI 2003**. Call 800-521-4041 to book your reservations. The **PTTI 2003** Meeting ID code is 556XF. The rates are good in San Diego and Los Angeles from November 27 - December 8, 2003.